

MD-4011: Enhance endpoint security with Microsoft Intune and Microsoft Security Copilot

Course Description

This Course will empower IT professionals and security analysts with the expertise to utilize Microsoft Intune and Microsoft Security Copilot effectively in device management and security operations. This course directs learners towards optimizing Intune for enhanced security and integrating Security Copilot to strengthen their organization's security stance.

Course Duration

1 day

Prerequisites

- Basic understanding of IT security principles.
- Familiarity with Microsoft Intune.
- Experience with device management in an enterprise environment.
- Knowledge of Microsoft Entra ID.
- Access to Microsoft Intune and Copilot for Security tools for hands-on practice.

Course Outline

1 - Prepare Microsoft Entra ID and Intune for device management

- Set up Microsoft Entra ID roles and licensing
- Configure your tenant for device onboarding
- Choose and explain enrollment methods

2 - Enroll and validate devices with Microsoft Intune

- Validate device join and management
- Apply platform and ownership restrictions
- Troubleshoot device enrollment

3 - Configure and secure devices with Microsoft Intune policies

- Create and assign configuration profiles
- Create and assign compliance policies
- Target policies with dynamic groups
- Automate remediation for noncompliance

4 - Protect data and control access with Microsoft Intune and Conditional Access

- Protect organizational data with app protection policies
- Control resource access with Conditional Access policies

5 - Harden endpoints and monitor security with Microsoft Intune and Defender for Endpoint

- Harden device security with security baselines
- Enable advanced threat protection with Microsoft Defender for Endpoint
- Prevent exploitation with attack surface reduction

6 - Accelerate endpoint remediation and response with Microsoft Security Copilot

- Microsoft Security Copilot overview
- Investigate security incidents with Copilot

- Device troubleshooting with Copilot in Intune

Who Should Attend

This course is designed for Endpoint Administrators and Security Analysts proficient in basic device management and security operations.